

**GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF GENERAL SERVICES**

**DESIGN-BUILD SERVICES
RENOVATION OF THE OAK HILL CAMPUS**

Solicitation #:DCAM-13-CS-0115

**Addendum No. 2
Issued: February 15, 2013**

This Addendum Number 02 is issued by e-mail on February 15, 2013. Except as modified hereby, the Request for Proposals (“RFP”) remains unmodified.

Item #1

RFP Narrative Scope of Work Revisions:

1. The Department has determined that Building #1 should be left in place and renovated (rather than demolished and replaced).
2. In order to increase energy efficiency for each building, Offerors may need to consider the replacement of all existing windows.
3. Offerors shall assume that the existing facility and site condition at the time of the site-visit may differ to some extent by the time of contract award. **Please note, however, that during the design and preconstruction phase of this project, the selected design-builder will work with the stakeholders to develop an appropriate design and scope of work that fits within the project budget.**

Item #2

Revised Bid Form: The revised bid form discussed in Addendum No. 1 was inadvertently not attached to that addendum. Please see such form included here.

Item #3

Requests for Information: Below is a list of questions and the Department’s responses.

1. The proposed schedule for this procurement is to start design and preconstruction services on March 1, 2013, and complete the design and GMP pricing (approved by the Council) by April 1, 2013. In addition, the construction work must be substantial completed by June 18, 2013. This procurement schedule is extremely aggressive for the extent of work to be done. As a result, the designers and subcontractors will not participate in providing their services for this project. Please provide a more considerable schedule, so we are not limiting the services from the designers and/or subcontractors. **Response: The Substantial Completion Date is a function of the start date for the Capital Guardian Youth Challenge Academy, a program developed and managed by the DC National Guard. As such, this date cannot be changed.**

2. Explain the metering of utilities? Are buildings to be sub-metered for electric and water OR separate main meter for each building. **Response: All 12 buildings within the site will have a singular metering system for electric and water; effectively one bill for electric and another for water. Offerors shall identify and upgrade existing system per all applicable codes and regulatory guidelines.**
3. Define FF&E and advice as to what is to be provided by Owner? **Response: Refer to specifications attachment for bunk beds (100 minimum), clothes washing machine and dryers (counts TBD; dependent of approved design).**
4. Section J.2 “Trade Subcontractor Bonds” states that all trade subcontractors provide a payment & performance bond for 100% of the cost. Since contracting with CBE firms that are small, at what minimum value does a subcontractor have to be bonded? Is there a pricing cap that would allow the small subcontractors a waiver of this requirement? **Response: Please see Section 10.2 of the Form of Contract issued with Addendum 1.**
5. What authority has jurisdiction for code? **Response: The District of Columbia has jurisdiction over construction permit and inspections. However, all tasks and or issues related to storm water management, drainage, or abatement/hazmat must go through Maryland Department of Environment.**
6. Please define DCRA’s involvement of all permits and the turnaround time, as the impact of the turnaround in approval of permits will impact the delay and schedule of the project. **Response: Offerors should consider processing multiple permits for the Project – for example, obtaining a separate demolition permit while the design is in process, to streamline the construction schedule. The District will assist, to the extent possible, but the Design-Builder is responsible for the permits. Therefore, the Offerors should engage DCRA for more information on potential turnaround time.**
7. Are rendering of the proposed design to be submitted with bid? If so, please provide as-builds for the buildings. **Response: No. A written description of approach to completing this work will suffice.**
8. Please provide a hazmat report for the roof and windows for all buildings. **Response: The District does not have such information. Offerors shall assume that the roof material contains asbestos. In the process of waterproofing the roof, Offerors may add on to the existing roof finish (assuming it currently contains less than two ply finish). Offerors shall explore any and all available methods to waterproof the roof and encapsulate existing roof finish. Otherwise, roof replacement shall be included in the design-build budget of \$4.5 million.**
9. Please provide the age of the roof of all buildings. Are the roofs still under the manufacture warranty? **Response: The roofs are no longer under warranty. The ages are unknown.**

10. By past experience on this project, please confirm that structural defects have been completed. **Response: The District is unable affirm the status of structural defects. The cost of fixing any and all defects shall be included in the design-build budget of \$4.5 million.**
11. Will commercial grade vinyl windows be an acceptable replacement? **Response: Yes; commercial grade vinyl windows designed to match existing are acceptable.**
12. Please advise the extent required for outdoor lighting between the buildings. **Response: Outdoor lighting will be required to the extent necessary to provide a safe after dark environment.**
13. Based on statement made at the walk through, the gas services to the building are not to be reused and the buildings are to be all electric including the heating. The original electric services for the buildings were not sized to accommodate electric heat. The buildings were designed to utilize gas heat. Conversion to all electric heat may result in the existing services being undersized and require replacement. **Response: The District stated at the walk through that there is no gas service to the facility now. Offeror's design solution may include gas service – assuming it is cost effective and within budget.**

Item #4

The bid date remains unchanged. Proposals are due by **February 20, 2013 at 2:00 pm EST.** Proposals that are hand-delivered should be delivered to the attention of: Kesha James, Contract Specialist, at **Frank D. Reeves Center, 2000 14th Street, NW, 8th floor, Washington, DC 20009.**

- End of Addendum No. 2 -

Attachment B

[Offeror's Letterhead]

[Insert Date]

District of Columbia Department of General Services
2000 14th Street, NW
Washington, D.C. 20009

Att'n: Mr. Brian J. Hanlon
Director

Reference: Request for Proposals
Design-Build Services – Renovation of the Oak Hill Campus

Dear Mr. Hanlon:

On behalf of [INSERT NAME OF BIDDER] (the "Offeror"), I am pleased to submit this proposal in response to the Department of General Services' (the "Department" or "DGS") Request for Proposals (the "RFP") to provide design-build services for the renovation of the Oak Hill Campus. The Offeror has reviewed the RFP and the attachments thereto, any addenda thereto, and the proposed Form of Contract (collectively, the "Bid Documents") and has conducted such due diligence and analysis as the Offeror, in its sole judgment, has deemed necessary in order to submit its Proposal in response to the RFP. The Offeror's proposal, the Design Fee, the Preconstruction Fee, and the Design-Build Fee (as defined in paragraph A) and the Unit Price (as defined in paragraph B) are based on the Bid Documents as issued and assume no material alteration of the terms of the Bid Documents. (Collectively, the proposal, the Design Fee, the Preconstruction Fee, the Design-Build Fee, and the Unit Price are referred to as the "Offeror's Bid".)

The Offeror's Bid is as follows:

A. The Design Fee is: \$ _____

The Preconstruction Fee is: \$ _____

The Design-Build Fee is: \$ _____

The Offeror acknowledges and understands that the Design Fee, the Preconstruction Fee, and the Design-Build Fee are firm, fixed prices and other than as permitted in the Form of Contract will not be subject to further adjustment. The Offeror also acknowledges that ten (10%) of the Design-Build Fee is at-risk and the selected Offeror will only be entitled to such amount as set forth in the Form of Contract. The Design-Build Fee includes funds sufficient to cover the cost of the Offeror's general conditions, which will NOT be reimbursable.

- B. The Unit Price to abate (encapsulate, remove and dispose) one (1) square foot of floor tile is: \$ _____ /sq. ft
- C. In addition, the Offeror hereby represents that, based on its current rating with its surety, the indicated cost of a payment and performance bond is [INSERT PERCENTAGE].

The Offeror's Bid is based on and subject to the following conditions:

1. The Offeror agrees to hold its proposal open for a period of at least one hundred twenty (120) days after the date of the bid.
2. Assuming the Offeror is selected by the Department and subject only to the changes requested in paragraph 5, the Offeror agrees to enter into a contract with the Department on the terms and conditions described in the Bid Documents within ten (10) days of the notice of the award. In the event the Bidder fails for do so, the Department shall have the right to levy upon the Offeror's bid bond.
3. Both the Offeror and the undersigned represent and warrant that the undersigned has the full legal authority to submit this bid form and bind the Offeror to the terms of the Offeror's Bid. The Offeror further represents and warrants that no further action or approval must be obtained by the Offeror in order to authorize the terms of the Offeror's Bid. In addition to any other remedies that the Department may have at law or in equity, the Department shall have the right to levy upon Bidder's Bid Bond in the event of a breach of this paragraph 3.
4. The Offeror and its principal team members hereby represent and warrant that they have not: (i) colluded with any other group or person that is submitting a proposal in response to the RFP in order to fix or set prices; (ii) acted in such a manner so as to discourage any other group or person from submitting a proposal in response to the RFP; or (iii) otherwise engaged in conduct that would violate applicable anti-trust law.
5. The Offeror's proposal is subject to the following requested changes to the Form of Contract: [INSERT REQUESTED CHANGES. OFFERORS ARE ADVISED THAT THE CHANGES SO IDENTIFIED SHOULD BE SPECIFIC SO AS TO PERMIT THE DEPARTMENT TO EVALUATE THE IMPACT OF THE REQUESTED CHANGES IN ITS REVIEW PROCESS. GENERIC STATEMENTS, SUCH AS "A MUTUALLY ACCEPTABLE CONTRACT" ARE NOT ACCEPTABLE. OFFERORS ARE FURTHER ADVISED THAT THE DEPARTMENT WILL CONSIDER THE REQUESTED CHANGES AS PART OF THE EVALUATION PROCESS.]
6. The Offeror hereby certifies that neither it nor any of its team members have entered into any agreement (written or oral) that would prohibit any contractor, subcontractor or sub-consultant that is certified by the District of Columbia Office of Department of Small and Local Business Enterprises as a Local, Small, Resident Owned or Disadvantaged Business Enterprise

Mr. Brian J. Hanlon

[DATE]

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(collectively, "LSDBE Certified Companies") from participating in the work if another company is awarded the contract.

7. This bid form and the Offeror's Bid are being submitted on behalf of [INSERT FULL LEGAL NAME, TYPE OF ORGANIZATION, AND STATE OF FORMATION FOR THE OFFEROR].

Sincerely,

By: _____

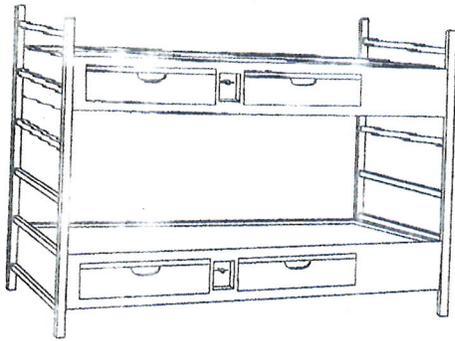
Name: _____

Its: _____

norix®

FURNITURE

Extraordinary by Design



Model #: TNT1151 (No Drawers)
TNT1052 (Steel Drawers)
TNT1252 (Laminated Drawers)

Overview

Panel base bunk bed with 2 steel decks, mechanically fastened to full height end frames. Engineered and proven suitable for continuous use in an institutional environment. Flat plastic foot and top caps.

Fabrication & Material:

Cut, formed, welded steel.

Bed deck: 18 gauge.

Body: 18 gauge.

Gussets: 13 gauge.

End frame legs: 16 gauge.

End frame cross-members: 16 gauge.

Optional Headboard: 45# density M3 grade particle board with durable high-pressure laminate surface and 2mm PVC edge.

Finish:

Powder coated steel.

Color:

Steel Color: Khaki, Black.

Optional Steel Colors: Cream, London Fog, Pewter, Shark, Slate, Irish Moss, Dusk, Mink.

Laminate Drawer: Wild Cherry (TNT1252 only).

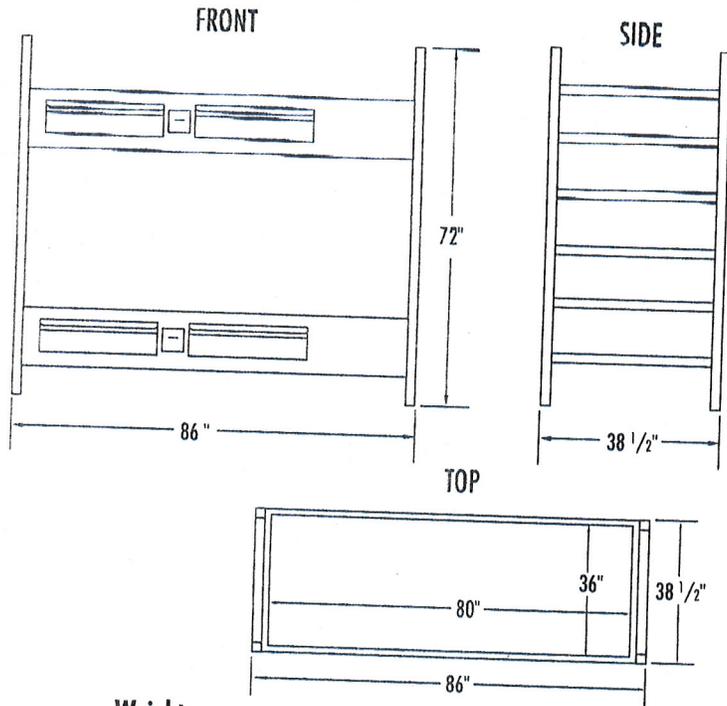
Optional Laminate Colors: Kensington Maple, Solar Oak.

Accessories:

Headboard & footboard (Wild Cherry - Standard. Optional Laminates - Kensington Maple, Solar Oak). Ladder. Safety rail. Floor anchor kit.

Bottom closure panel.

Titan® Panel Base Bunk Bed



Weight:

TNT1151: 418 lbs.

TNT1052: 458 lbs.

TNT1252: 458 lbs.

Assembly:

Attach end frames to bed base with furnished hex socket button head fasteners (threaded inserts in vertical members of end frame). Optional accessories attach to bed (with hardware supplied through purchase of accessories).

Installation:

None required for standard model.

Warranty:

10 year limited replacement warranty.

Maintenance:

Easily cleaned with a damp cloth and a mild soap solution.

Filing System:

12600 Institutional Furniture

11197 Correctional Furniture

C18

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Specifications

Washer	Topload UWT821	Frontload FTUA1
Width - in (mm)	25 5/8" (651)	26 7/8" (683)
Depth - in (mm)	28" (711)	28" (711)
Height - in (mm)	43" (1092)	41 3/8" (1054)
Height to Work Surface - in (mm)	36" (914)	41 3/8" (1054)
Operation	Manual Control	Manual Control
Basket Volume - cu. ft. (liters)	2.8 (79)	2.84 (80)
Spin Speed - RPM	High Speed 710 Low Speed 473	500, 650, 1000
Water Temperatures	Hot, Warm and Cold	Hot/Cold, Warm/Warm Warm/Cold, Cold/Cold
Cycles	Normal, Permanent Press or Delicate	Regular, Permanent Press, Delicate, Rinse and Spin or Spin
Cycle Time	16-31 minutes plus fill time	27 minutes plus fill time
Water Pressure - psi (bar)	Pressure fill 20 to 120 (1.4/8.3)	Pressure fill 20 to 120 (1.4/8.3)
Cycle Cue Lights	Yes	Yes
Top and Lid Finish	Porcelain	Porcelain
Color	White	White
Motor	2-speed, 1/2 HP reversing for 1725 or 1140 RPM	Multi-speed 3/4 HP
Electrical Specifications	120/60/1-15 amp	120/60/1-15 amp
Net Weight (Approx.) - lb (kg)	190 (86)	240 (109)
Dom. Shipping Weight (Approx.) - lb (kg)	210 (95)	260 (118)
Agency Approvals	UL	UL, cULus

Dryers	Single Rear Control UDE807 (Electric) UDG809 (Gas)	Single Front Control FEU17 (Electric) FGU17 (Gas)	Stack USE807 (Electric) USG809 (Gas)
	Width - in (mm)	26 7/8" (683)	26 7/8" (683)
Depth - in (mm)	28" (711)	28" (711)	28" (711)
Height - in (mm)	43" (1092)	41 3/8" (1054)	76 5/8" (1946)
Height to Work Surface - in (mm)	36" (914)	41 3/8" (1054)	N/A
Cylinder Volume - cu. ft. (liters)	7.0 (198)	7.0 (198)	7.0 (198)
Color	White	White	White
Motor HP	60 Hz: 1/3 HP, 5.5 amp	60 Hz: 1/3 HP, 5.5 amp	60 Hz: 1/3 HP, 5.5 amp
Motor RPM	60 Hz: 1725	60 Hz: 1725	60 Hz: 1725
Btu Per Hour	25,000 (6,300 kcal)	25,000 (6,300 kcal)	25,000 (6,300 kcal)
Electrical Requirements	Gas: 120/60/1 - 15 amp Electric: 120/240/60/1 - 30 amp 120/208/60/1 - 30 amp	Gas: 120/60/1 - 15 amp Electric: 120/240/60/1 - 30 amp 120/208/60/1 - 30 amp	Gas: 120/60/1 - 15 amp Electric: 120/240/60/1 - 30 amp 120/208/60/1 - 30 amp
Heating Element (Electric)	60 Hz: 5350W, 240V Also 4750W, 208V	60 Hz: 5350W, 240V Also 4750W, 208V	60 Hz: 5350W, 240V Also 4750W, 208V
Type of Gas (Gas models only)	Factory-equipped for natural/mixed gas Convertible to LP gas*	Factory-equipped for natural/mixed gas Convertible to LP gas*	Factory-equipped for natural/mixed gas Convertible to LP gas*
Utility Connections - in (mm)	3/8" NPT (9.5)	3/8" NPT (9.5)	3/8" NPT (9.5)
Air Outlet Diameter - in (mm)	4" (102)	4" (102)	4" (102)
Exhaust Airflow**	220 (105 liters/sec.)	220 (105 liters/sec.)	220 (105 liters/sec.)
Net Weight (Approx.) - lb (kg)	Gas: 140 (64) Electric: 135 (61)	Gas: 155 (70) Electric: 150 (68)	Gas: 275 (125) Electric: 265 (120)
Dom. Shipping Weight (Approx.) - lb (kg)	Gas: 150 (68) Electric: 145 (66)	Gas: 165 (75) Electric: 160 (73)	Gas: 290 (132) Electric: 280 (127)
Agency Approvals	UL, CSA	UL, CSA	UL, CSA

Stack Washer/Dryer	LTUA7 (Electric) LTUA9 (Gas)
Width - in (mm)	26 7/8" (683)
Depth - in (mm)	28" (711)
Height - in (mm)	75 1/4" (1911)
Color	White
Net Weight (Approx.) - lb (kg)	Gas: 355 (161) Electric: 350 (159)
Dom. Shipping Weight (Approx.) - lb (kg)	Gas: 385 (175) Electric: 380 (172)
Agency Approvals	UL, CSA

* IMPORTANT: Any product revisions or conversions must be made by the Manufacturer's Authorized Dealers, Distributors, or local service personnel. Any approvals may vary depending on configuration. Consult factory for details.

** Measured at point of exit from dryer. Maximum exhaust static back pressure: 60 Hz: 0.6" W.C. Gas models are certified by CSA International; electric models are Underwriters Laboratories certified.

For the most accurate information the installation guide should be used for all design and construction purposes. Due to continuous product improvements, design and specifications are subject to change without notice. The quality management systems at all Alliance Laundry Systems manufacturing facilities have been registered as ISO 9001:2000 compliant. Features and certifications may vary by model.

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Alliance Laundry Systems
Shepard Street, Ripon, WI 54971 Telephone: 1-800-587-5458

UniMac.
Alliance Laundry Systems

Strong Limited Parts Warranty

UniMac proudly offers the following limited warranties on its topload washer:
Through Three Years* - any part on the entire machine.
Through Five Years* - the transmission assembly.
Through Lifetime* - the stainless steel washtub.

UniMac proudly offers the following limited warranties on its frontload washer:
Through One Year* - any part on the entire machine.

UniMac proudly offers the following limited warranty on its commercial dryer:
Through Three Years* - any part on the entire machine.

* Parts only, labor not included. See UniMac Warranty Bond for specifics.





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VALUE LINE WASHER-EXTRACTOR - AT A GLANCE

VALUE LINE WASHER-EXTRACTORS

UniMac has been recognized around the world as the leading manufacturer of commercial laundry equipment. We produce, sell and support more commercial washers and dryers in North America than any other company. Our value line washer-extractors are renowned for their durability, innovative features, efficient performance and lowest cost of ownership.

Our Value Line washer-extractors are designed to fit your budget while featuring the same durable A-frame design, high quality brass fill valves and versatile supply dispenser as our premium models. Every machine is protected by our standard industry-leading three- and five-year limited parts warranty.

- 30 programmable cycles
- Doors open at complete 180° angle
- Two ways to program (manual or laptop)
- Real Time Clock records events by date/time
- 30 programmable water levels
- Cylinder rotation sensor
- Up to eight fill segments per cycle
- Temperature controlled fill
- Auto Leak Detection to manage water consumption
- Wash actions programmable, from delicate to heavy soil
- Diagnostic capabilities
- Four supply signals

	UW35			UW60			UW80	UW100	UW125
Control Options	M30			M30			M30	M30	M30
Capacity - lb (kg)	35 (15.9)			60 (27.3)			80 (36.4)	100 (45.5)	125 (56.9)
Width - in (mm)	33 3/8 (848)			36 5/8 (930)			41 1/2 (1054)	41 1/2 (1054)	48 (1219)
Depth - in (mm)	43 5/8 (1108)			45 (1143)			51 1/2 (1308)	54 1/2 (1384)	58 (1473)
Height - in (mm)	55 1/2 (1410)			64 1/2 (1638)			68 1/2 (1740)	68 1/2 (1740)	72 (1829)
Cylinder Diameter - in (mm)	26 1/4 (667)			32 (813)			36 (914)	36 (914)	42 (1067)
Cylinder Depth - in (mm)	18 3/8 (467)			20 (508)			21 (533)	27 (686)	24 (610)
Cylinder Volume - cu. ft. (liters)	5.76 (163)			9.31 (264)			12.4 (350)	15.9 (450)	19.4 (544)
Door Opening - in (mm)	14 3/8 (364)			17 1/2 (445)			17 1/2 (445)	17 1/2 (445)	20 (508)
Door Bottom to Floor - in (mm)	23 3/4 (603)			28 1/4 (718)			29 (737)	29 (737)	29 (737)
Water Inlet Connection - in (mm)	3/4 (19)			3/4 (19)			3/4 (19)	3/4 (19) (2 ea)	1 (25)
Steam Connection - in (mm)	1/2 (13)			1/2 (13)			1/2 (13)	1/2 (13)	3/4 (19)
Drain Diameter - in (mm)	2 2/5 (60)			3 (76)			3 (76)	3 (76)	3 (76)
	2 Sp	L Sp	M Sp	2 Sp	L Sp	M Sp	M Sp	M Sp	M Sp
Motor Size - HP (kW)	2.0 (1.5)	5.0 (3.7)	5.0 (3.7)	3.0 (2.2)	5.0 (3.7)	5.0 (3.7)	7.5 (5.6)	7.5 (5.6)	10 (7.5)
Cylinder Speed RPM (G-Force)	Wash	50 (.95)	44 (0.7)	44 (0.7)	44 (.88)	40 (0.7)	40 (0.7)	40 (0.8)	37 (0.8)
	Distribution	—	83 (2.6)	83 (2.6)	—	71 (2.3)	71 (2.3)	70 (2.5)	62 (2.29)
	Very Low Extract	—	401 (60)	401 (60)	—	364 (60)	364 (60)	343 (60)	317 (60)
	Low Extract	504 (95)	518 (100)	568 (120)	465 (98)	469 (100)	514 (120)	485 (120)	449 (120)
	Medium Extract	—	—	695 (180)	—	—	630 (180)	594 (180)	550 (180)
Domestic Shipping Dimensions - in (mm)	Width	38 (970)	38 (970)	38 (970)	40 (1016)	40 (1016)	40 (1016)	44 (1118)	44 (1118)
	Depth	47 (1200)	47 (1200)	47 (1200)	49 (1245)	49 (1245)	49 (1245)	60 1/2 (1537)	60 1/2 (1537)
	Height	64 (1630)	64 (1630)	64 (1630)	74 1/2 (1892)	74 1/2 (1892)	74 1/2 (1892)	77 1/4 (1962)	77 1/4 (1962)
Domestic Net Weight - lb (kg)	750 (341)	750 (341)	1030 (468)	1136 (515)	1229 (557)	1300 (590)	1644 (747)	1680 (762)	2211 (1005)
Domestic Shipping Weight - lb (kg)	810 (367)	810 (367)	1085 (493)	1175 (533)	1268 (575)	1340 (608)	1705 (773)	1745 (792)	2525 (1148)
Export Shipping Weight - lb (kg)	910 (413)	910 (413)	1150 (522)	1300 (590)	1392 (631)	1464 (664)	1990 (903)	2030 (921)	2800 (1270)
Agency Approvals	cETLus, CE			cETLus, CE			cETLus, CE	cETLus, CE	cETLus, CE

To learn more, or to find a distributor in your area, visit UNIMAC.COM
 Alliance Laundry Systems - Shepard St, Ripon WI 54971 - 1.800.587.5458 - 1.920.748.3121



Consult your UniMac distributor for details. For the most accurate information, the installation guide should be used for all design and construction purposes. Due to continuous product improvements, design and specifications subject to change without notice. The quality management systems at Alliance Laundry Systems' Ripon facility has been registered to ISO 9001:2000.

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Dry Weight Capacity - lb (kg)	50 (22.7)	75 (34.0)	75 (34.0)																																																																																																																																																																			
Cylinder Size - in (mm) (diameter x depth)	37" x 30" (940 x 762)	37" x 36" (940 x 914)	37" x 36" (940 x 914)																																																																																																																																																																			
Cylinder Volume - cu. ft. (liters)	18.6 (528)	22.4 (634)	22.4 (634)																																																																																																																																																																			
Width - in (mm)	38 5/8" (981)	38 5/8" (981)	38 5/8" (981)																																																																																																																																																																			
Depth - in (mm)	48 1/4" (1226)	54 1/4" (1378)	54 1/4" (1378)																																																																																																																																																																			
Height - in (mm)	Gas and Electric - 76 5/8" (1946) Steam - 80" (2032)	Gas and Electric - 76 5/8" (1946) Steam - 80" (2032)	Gas - 76 5/8" (1946) Steam and Electric - N/A																																																																																																																																																																			
Motor - HP (W) Non-Rev Reversing (cylinder and fan)	1/2 (373) 1/3 (249), 1/3 (249)	3/4 (559) 1/3 (249), 1/3 (249)	N/A 1/3 (249), 1 (750)																																																																																																																																																																			
Air Outlet Diameter - in (mm)	8" (203)	8" (203)	10" (254)																																																																																																																																																																			
Airflow - cfm (liters/sec.)	750 (354)	60 Hz Gas and Steam Models 920 (434) Electric and 50 Hz Gas and Steam 750 (354)	1100 (519)																																																																																																																																																																			
Reversing Cylinder	Option	Option	Standard																																																																																																																																																																			
Water Inlet Size (C.A.R.E. System)	(1) 3/4"-11 1/2" NH Hose Connection	(1) 3/4"-11 1/2" NH Hose Connection	(1) 3/4"-11 1/2" NH Hose Connection																																																																																																																																																																			
Plumbing Connection - in (mm)	Gas Models -1/2" NPT (13) Steam Models - 3/4" NPT (19)	Gas Models - 1/2" NPT (13) Steam Models - 3/4" NPT (19)	Gas Models - 3/4" NPT (19) Steam Models - N/A																																																																																																																																																																			
Energy Data	Gas Models - 130,000 Btu/hr (38.1 kW) Steam Models - At 100 psi (6.9 bar): 5.1 BHP, 178,000 Btu/hr (52.0 kW); Recommended operating pressure 80-100 PSIG Electric Models - See Below	Gas Models - 165,000 Btu/hr (48.3 kW) Steam Models - At 100 psi (6.9 bar): 6.1 BHP, 210,000 Btu/hr (61.6 kW); Recommended operating pressure 80-100 PSIG Electric Models - See Below	Gas Models - 225,000 Btu/hr (65.9 kW) Steam Models - N/A Electric Models - N/A																																																																																																																																																																			
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Net Weight - lb (kg)	545 (247)	615 (279)	710 (322)																																																																																																																																																																			
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To learn more, or to find a distributor in your area, visit UNIMAC.COM
 Alliance Laundry Systems - Shepard St, Ripon WI 54971 - 1.800.587.5458 - 1.920.748.3121

* Agency approvals may vary depending on configuration.

Consult factory for details. Standard domestic voltage 208-240/60/3, 230V/50Hz/1&3 phase and 380V/50Hz/3 phase units are available. All CE approved models available in 50-cycle. Contact your distributor for specific models available with CE. For electrical specifications, circuit breaker requirements and full load amperages, see your authorized UniMac distributor. Manufacturer strongly recommends using a circuit breaker instead of fuses. Use 3-pole circuit breakers for purposes. For the most accurate information, the installation guide should be used for all design and construction purposes. Due to continuous product improvements, design and specifications subject to change without notice. The quality management systems at Alliance Laundry Systems' Ripon facility has been registered to ISO 9001:2000.

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